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| FORM PTO-1449<br><br>U.S. DEPARTMENT OF COMMERCE<br>PATENT AND TRADEMARK OFFICE<br><br>INFORMATION DISCLOSURE<br>STATEMENT BY APPLICANT<br><br>(Use several sheets if necessary) | ATTY. DOCKET NO.<br>I-2-0091.7US | SERIAL NO.<br>09/742,578 |
|  | APPLICANT<br>Ozluturk et al.     |                          |
|  | FILING DATE<br>December 21, 2000 | GROUP<br>2419            |

| U.S. PATENT DOCUMENTS |  |                 |         |                     |       |          |                               |
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|                       |  | 3,700,820       | 10/1972 | Blasbalg et al.     |       |          |                               |
|                       |  | 3,761,610       | 09/1973 | Krallinger et al.   |       |          |                               |
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|                       |  | 4,292,623       | 09/1981 | Eswaran et al.      |       |          |                               |
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|                       |  | 4,425,665       | 01/1984 | Stauffer            |       |          |                               |
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|                       |  | 4,480,307       | 10/1984 | Budde et al.        |       |          |                               |
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|                       |  | 4,646,232       | 02/1987 | Chang et al.        |       |          |                               |
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|                       |  | 4,709,343       | 11/1987 | Van Chang           |       |          |                               |
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|                       |  | 4,785,463       | 11/1988 | Janc et al.         |       |          |                               |
|                       |  | 4,802,189       | 01/1989 | Wedler              |       |          |                               |
|                       |  | 4,811,262       | 03/1989 | White               |       |          |                               |
|                       |  | 4,811,421       | 03/1989 | Havel et al.        |       |          |                               |
|                       |  | 4,862,402       | 08/1989 | Shah et al.         |       |          |                               |
|                       |  | 4,876,554       | 10/1989 | Tubbs               |       |          |                               |
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|                     |  | 4,905,177       | 02/1990 | Weaver, Jr., et al.  |       |          |                               |
|                     |  | 4,914,574       | 04/1990 | Terada et al.        |       |          |                               |
|                     |  | 4,926,130       | 05/1990 | Weaver               |       |          |                               |
|                     |  | 4,928,274       | 05/1990 | Gilhausen et al.     |       |          |                               |
|                     |  | 4,965,533       | 10/1990 | Gilmore              |       |          |                               |
|                     |  | 4,979,170       | 12/1990 | Gilhausen et al.     |       |          |                               |
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|                     |  | 5,021,891       | 06/1991 | Lee                  |       |          |                               |
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|                     |  | 5,027,306       | 06/1991 | Dattorro et al.      |       |          |                               |
|                     |  | 5,028,887       | 07/1991 | Gilmore              |       |          |                               |
|                     |  | 5,050,004       | 09/1991 | Morton, Jr.          |       |          |                               |
|                     |  | 5,056,109       | 10/1991 | Gilhausen et al.     |       |          |                               |
|                     |  | 5,081,643       | 01/1992 | Schilling            |       |          |                               |
|                     |  | 5,084,900       | 01/1992 | Taylor               |       |          |                               |
|                     |  | 5,093,840       | 03/1992 | Schilling            |       |          |                               |
|                     |  | 5,099,204       | 03/1992 | Wheatley, III        |       |          |                               |
|                     |  | 5,101,416       | 03/1992 | Fenton et al.        |       |          |                               |
|                     |  | 5,101,501       | 03/1992 | Gilhausen et al.     |       |          |                               |
|                     |  | 5,103,459       | 04/1992 | Gilhausen et al.     |       |          |                               |
|                     |  | 5,105,423       | 04/1992 | Tanaka et al.        |       |          |                               |
|                     |  | 5,107,225       | 04/1992 | Wheatley, III et al. |       |          |                               |
|                     |  | 5,107,345       | 04/1992 | Lee                  |       |          |                               |
|                     |  | 5,109,390       | 04/1992 | Gilhausen et al.     |       |          |                               |
|                     |  | 5,113,525       | 05/1992 | Andoh                |       |          |                               |
|                     |  | 5,115,429       | 05/1992 | Hluchyj et al.       |       |          |                               |
|                     |  | 5,117,385       | 05/1992 | Gee                  |       |          |                               |
|                     |  | 5,126,748       | 06/1992 | Ames et al.          |       |          |                               |
|                     |  | 5,128,623       | 07/1992 | Gilmore              |       |          |                               |

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|                     |  | 5,142,278       | 8/1992  | Moallemi et al.    |       |          |                               |
|                     |  | 5,159,283       | 10/1992 | Jensen             |       |          |                               |
|                     |  | 5,159,551       | 10/1992 | Brunnett et al.    |       |          |                               |
|                     |  | 5,161,168       | 11/1992 | Schilling          |       |          |                               |
|                     |  | 5,166,929       | 11/1992 | Lo                 |       |          |                               |
|                     |  | 5,166,951       | 11/1992 | Schilling          |       |          |                               |
|                     |  | 5,166,952       | 11/1992 | Omurg et al.       |       |          |                               |
|                     |  | 5,179,571       | 01/1993 | Schilling          |       |          |                               |
|                     |  | 5,179,572       | 01/1993 | Schilling          |       |          |                               |
|                     |  | 5,193,094       | 03/1993 | Viterbi            |       |          |                               |
|                     |  | 5,199,061       | 03/1993 | Kim                |       |          |                               |
|                     |  | 5,204,876       | 04/1993 | Bruckert et al.    |       |          |                               |
|                     |  | 5,210,771       | 05/1993 | Schaeffer et al.   |       |          |                               |
|                     |  | 5,216,692       | 06/1993 | Ling               |       |          |                               |
|                     |  | 5,224,120       | 06/1993 | Schilling          |       |          |                               |
|                     |  | 5,228,053       | 07/1993 | Miller et al.      |       |          |                               |
|                     |  | 5,228,054       | 07/1993 | Rueth et al.       |       |          |                               |
|                     |  | 5,228,056       | 07/1993 | Schilling          |       |          |                               |
|                     |  | 5,233,630       | 08/1993 | Wolf               |       |          |                               |
|                     |  | 5,235,614       | 08/1993 | Bruckert et al.    |       |          |                               |
|                     |  | 5,237,586       | 08/1993 | Bottomley          |       |          |                               |
|                     |  | 5,239,685       | 08/1993 | Moe et al.         |       |          |                               |
|                     |  | 5,241,690       | 08/1993 | Larsson et al.     |       |          |                               |
|                     |  | 5,245,629       | 09/1993 | Hall               |       |          |                               |
|                     |  | 5,253,268       | 10/1993 | Omura et al.       |       |          |                               |
|                     |  | 5,253,347       | 10/1993 | Bagnoli et al.     |       |          |                               |
|                     |  | 5,257,283       | 10/1993 | Gilhausen et al.   |       |          |                               |
|                     |  | 5,258,940       | 11/1993 | Coker et al.       |       |          |                               |
|                     |  | 5,260,967       | 11/1993 | Schilling          |       |          |                               |
|                     |  | 5,262,974       | 11/1993 | Hausman et al.     |       |          |                               |

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|                     |  | 5,263,045       | 11/1993 | Schilling            |       |          |                               |
|                     |  | 5,265,119       | 11/1993 | Gilhausen et al.     |       |          |                               |
|                     |  | 5,267,261       | 11/1993 | Blakeney, III et al. |       |          |                               |
|                     |  | 5,267,262       | 11/1993 | Wheatley, III        |       |          |                               |
|                     |  | 5,274,474       | 12/1993 | Medina               |       |          |                               |
|                     |  | 5,274,665       | 12/1993 | Schilling            |       |          |                               |
|                     |  | 5,276,261       | 01/1994 | Mayer et al.         |       |          |                               |
|                     |  | 5,276,684       | 01/1994 | Pearson              |       |          |                               |
|                     |  | 5,276,907       | 01/1994 | Meidan               |       |          |                               |
|                     |  | 5,280,472       | 01/1994 | Gilhausen et al.     |       |          |                               |
|                     |  | 5,283,536       | 02/1994 | Wheatley, III et al. |       |          |                               |
|                     |  | 5,287,299       | 02/1994 | Lin                  |       |          |                               |
|                     |  | 5,287,463       | 02/1994 | Frame et al.         |       |          |                               |
|                     |  | 5,289,527       | 02/1994 | Tiedemann, Jr.       |       |          |                               |
|                     |  | 5,291,515       | 03/1994 | Uchida et al.        |       |          |                               |
|                     |  | 5,295,152       | 03/1994 | Gudmundson et al.    |       |          |                               |
|                     |  | 5,295,153       | 03/1994 | Gudmundson           |       |          |                               |
|                     |  | 5,297,161       | 03/1994 | Ling                 |       |          |                               |
|                     |  | 5,297,162       | 03/1994 | Lee et al.           |       |          |                               |
|                     |  | 5,299,226       | 03/1994 | Schilling            |       |          |                               |
|                     |  | 5,299,228       | 03/1994 | Hall                 |       |          |                               |
|                     |  | 5,305,349       | 04/1994 | Dent                 |       |          |                               |
|                     |  | 5,307,405       | 04/1994 | Sih                  |       |          |                               |
|                     |  | 5,309,474       | 05/1994 | Gilhausen et al.     |       |          |                               |
|                     |  | 5,311,459       | 05/1994 | D'Luna et al.        |       |          |                               |
|                     |  | 5,316,422       | 05/1994 | Coffman              |       |          |                               |
|                     |  | 5,321,721       | 06/1994 | Yamaura et al.       |       |          |                               |
|                     |  | 5,327,455       | 07/1994 | De Gaudenzi et al.   |       |          |                               |
|                     |  | 5,327,467       | 07/1994 | De Gaudenzi et al.   |       |          |                               |
|                     |  | 5,329,547       | 07/1994 | Ling                 |       |          |                               |
|                     |  | 5,337,338       | 08/1994 | Sutton et al.        |       |          |                               |

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|                     |  | 5,339,046       | 08/1994 | Kornfeld et al.                      |       |          |                               |
|                     |  | 5,339,174       | 08/1994 | Harris                               |       |          |                               |
|                     |  | 5,341,396       | 08/1994 | Higgins et al.                       |       |          |                               |
|                     |  | 5,341,397       | 08/1994 | Gudmundson                           |       |          |                               |
|                     |  | 5,341,427       | 08/1994 | Hardy et al.                         |       |          |                               |
|                     |  | 5,341,456       | 08/1994 | DeJaco                               |       |          |                               |
|                     |  | 5,343,335       | 08/1994 | Hara                                 |       |          |                               |
|                     |  | 5,345,467       | 09/1994 | Lomp et al.                          |       |          |                               |
|                     |  | 5,345,596       | 09/1994 | Buchenhorner et al.                  |       |          |                               |
|                     |  | 5,345,598       | 09/1994 | Dent                                 |       |          |                               |
|                     |  | 5,347,536       | 09/1994 | Meehan                               |       |          |                               |
|                     |  | 5,349,606       | 09/1994 | Lovell et al.                        |       |          |                               |
|                     |  | 5,351,134       | 09/1994 | Yaguchi et al.                       |       |          |                               |
|                     |  | 5,351,269       | 09/1994 | Schilling                            |       |          |                               |
|                     |  | 5,353,302       | 10/1994 | Bi                                   |       |          |                               |
|                     |  | 5,353,352       | 10/1994 | Dent et al.                          |       |          |                               |
|                     |  | 5,355,453       | 10/1994 | Row et al.                           |       |          |                               |
|                     |  | 5,361,276       | 11/1994 | Subramanian                          |       |          |                               |
|                     |  | 5,363,377       | 11/1994 | Sharpe                               |       |          |                               |
|                     |  | 5,363,403       | 11/1994 | Schilling et al.                     |       |          |                               |
|                     |  | 5,365,544       | 11/1994 | Schilling                            |       |          |                               |
|                     |  | 5,365,585       | 11/1994 | Puhl et al.                          |       |          |                               |
|                     |  | 5,367,533       | 11/1994 | Schilling                            |       |          |                               |
|                     |  | 5,373,259       | 12/1994 | Hackman et al.                       |       |          |                               |
|                     |  | 5,373,502       | 12/1994 | Turban                               |       |          |                               |
|                     |  | 5,377,183       | 12/1994 | Dent                                 |       |          |                               |
|                     |  | 5,377,223       | 12/1994 | Schilling                            |       |          |                               |
|                     |  | 5,379,242       | 01/1995 | Rose et al.                          |       |          |                               |
|                     |  | 5,383,219       | 01/1995 | Wheatley, III et al.                 |       |          |                               |
|                     |  | 5,386,589       | 01/1995 | Kanal * corresponds to JP H05-244056 |       |          |                               |
|                     |  | 5,390,207       | 02/1995 | Fenton et al.                        |       |          |                               |

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|                     |  | 5,392,287       | 02/1995 | Tiedemann, Jr. et al. |       |          |                               |
|                     |  | 5,396,516       | 03/1995 | Padovani et al.       |       |          |                               |
|                     |  | 5,396,539       | 03/1995 | Slekys et al.         |       |          |                               |
|                     |  | 5,398,243       | 03/1995 | Aguilhon et al.       |       |          |                               |
|                     |  | 5,404,376       | 04/1995 | Dent                  |       |          |                               |
|                     |  | 5,406,559       | 04/1995 | Edem et al.           |       |          |                               |
|                     |  | 5,406,615       | 04/1995 | Miller II, et al.     |       |          |                               |
|                     |  | 5,408,697       | 04/1995 | Price et al.          |       |          |                               |
|                     |  | 5,410,568       | 04/1995 | Schilling             |       |          |                               |
|                     |  | 5,412,686       | 05/1995 | Ling                  |       |          |                               |
|                     |  | 5,414,728       | 05/1995 | Zehavi <sup>4</sup>   |       |          |                               |
|                     |  | 5,414,729       | 05/1995 | Fenton                |       |          |                               |
|                     |  | 5,414,732       | 05/1995 | Kaufmann              |       |          |                               |
|                     |  | 5,414,796       | 05/1995 | Jacobs et al.         |       |          |                               |
|                     |  | 5,416,797       | 05/1995 | Gilhausen et al.      |       |          |                               |
|                     |  | 5,418,624       | 05/1995 | Ahmed                 |       |          |                               |
|                     |  | 5,420,850       | 05/1995 | Umeda et al.          |       |          |                               |
|                     |  | 5,420,864       | 05/1995 | Dahlin et al.         |       |          |                               |
|                     |  | 5,420,896       | 05/1995 | Schilling             |       |          |                               |
|                     |  | 5,422,908       | 06/1995 | Schilling             |       |          |                               |
|                     |  | 5,430,724       | 07/1995 | Fall et al.           |       |          |                               |
|                     |  | 5,430,760       | 07/1995 | Dent                  |       |          |                               |
|                     |  | 5,440,597       | 08/1995 | Chung et al.          |       |          |                               |
|                     |  | 5,442,625       | 08/1995 | Gitlin et al.         |       |          |                               |
|                     |  | 5,442,662       | 08/1995 | Fukasawa et al.       |       |          |                               |
|                     |  | 5,446,683       | 08/1995 | Mullen et al.         |       |          |                               |
|                     |  | 5,446,756       | 08/1995 | Mallinckrodt          |       |          |                               |
|                     |  | 5,448,600       | 09/1995 | Lucas                 |       |          |                               |
|                     |  | 5,454,026       | 09/1995 | Tanaka                |       |          |                               |
|                     |  | 5,459,758       | 10/1995 | Moore                 |       |          |                               |
|                     |  | 5,459,759       | 10/1995 | Schilling             |       |          |                               |

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|                     |  | 5,461,639       | 10/1995 | Wheatley, III, et al.               |       |          |                               |
|                     |  | 5,465,399       | 11/1995 | Oberholtzer et al.                  |       |          |                               |
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|                     |   | 20040179506     | 09/2004 | Padovani et al. |       |          |                               |
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|                     |  | 20060088134     | 04/2006 | Gilhausen et al.      |       |          |                               |
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|                     |  | 20070002934     | 01/2007 | Schilling             |       |          |                               |

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|                          |  |                 |         |                 |       |          | YES         | NO |
|                          |  | 3743731         | 07/1989 | DE              |       |          | X**         |    |
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|                          |  | 0022170         | 01/1981 | EP              |       |          |             |    |
|                          |  | 0372350         | 06/1990 | EP              |       |          |             |    |
|                          |  | 0462572         | 12/1991 | EP              |       |          |             |    |
|                          |  | 0464839         | 01/1992 | EP              |       |          |             |    |
|                          |  | 0476215         | 03/1992 | EP              |       |          |             |    |
|                          |  | 0505341         | 09/1992 | EP              |       |          |             |    |
|                          |  | 0515335         | 05/1992 | EP              |       |          |             |    |
|                          |  | 0525860         | 02/1993 | EP              |       |          |             |    |
|                          |  | 0526106         | 02/1993 | EP              |       |          |             |    |
|                          |  | 0565507         | 10/1993 | EP              |       |          |             |    |
|                          |  | 0615395         | 09/1994 | EP              |       |          |             |    |
|                          |  | 0631397         | 12/1994 | EP              |       |          |             |    |
|                          |  | 0637179         | 02/1995 | EP              |       |          |             |    |
|                          |  | 0654913         | 05/1995 | EP              |       |          |             |    |
|                          |  | 0656716         | 06/1995 | EP              |       |          |             |    |
|                          |  | 0668662         | 08/1995 | EP              |       |          |             |    |
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|                     |  |                 |         |         |       |          | YES         | NO |
|                     |  | 0682423         | 11/1995 | EP      |       |          |             |    |
|                     |  | 0744876         | 11/1996 | EP      |       |          |             |    |
|                     |  | 2280575         | 02/1995 | GB      |       |          |             |    |
|                     |  | 2301746         | 12/1996 | GB      |       |          |             |    |
|                     |  | H06-343068      | 12/1994 | JP      |       |          |             |    |
|                     |  | H05-300077      | 11/1993 | JP      |       |          | X**         |    |
|                     |  | H02-287874      | 11/1990 | JP      |       |          |             |    |
|                     |  | H04-287593      | 10/1992 | JP      |       |          |             |    |
|                     |  | H06-276176      | 09/1994 | JP      |       |          | X**         |    |
|                     |  | H07-273600      | 10/1995 | JP      |       |          |             |    |
|                     |  | S62-256516      | 11/1987 | JP      |       |          |             |    |
|                     |  | H02-256331      | 10/1990 | JP      |       |          |             |    |
|                     |  | 5-227124        | 09/1993 | JP      |       |          | X**         |    |
|                     |  | H04-222111      | 08/1992 | JP      |       |          |             |    |
|                     |  | S63-198423      | 08/1988 | JP      |       |          |             |    |
|                     |  | H05-144128      | 06/1993 | JP      |       |          |             |    |
|                     |  | H05-129969      | 05/1993 | JP      |       |          | X**         |    |
|                     |  | H01-124730      | 08/1989 | JP      |       |          |             |    |
|                     |  | H06-120865      | 04/1994 | JP      |       |          | X**         |    |
|                     |  | H07-107007      | 04/1995 | JP      |       |          | X**         |    |
|                     |  | H06-104829      | 04/1994 | JP      |       |          |             |    |
|                     |  | H06-104694      | 04/1994 | JP      |       |          |             |    |
|                     |  | H05-083381      | 04/1993 | JP      |       |          |             |    |
|                     |  | H07-079477      | 03/1995 | JP      |       |          | X**         |    |

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|                     |  | H07-058665      | 03/1995 | JP                               |       |          |             |    |
|                     |  | H07-050631      | 02/1995 | JP                               |       |          | X**         |    |
|                     |  | H07-046180      | 02/1995 | JP                               |       |          | X**         |    |
|                     |  | H03-040535      | 02/1991 | JP                               |       |          |             |    |
|                     |  | H05-022285      | 1/1993  | JP                               |       |          | X**         |    |
|                     |  | H06-006374      | 01/1994 | JP                               |       |          |             |    |
|                     |  | H05-244056      | 09/1993 | JP * corresponds to US 5,386,589 |       |          | X           |    |
|                     |  | H07-095151      | 04/1995 | JP *corresponds to US 5,487,180  |       |          | X           |    |
|                     |  | 9221196         | 11/1992 | WO                               |       |          |             |    |
|                     |  | 9307702         | 04/1993 | WO                               |       |          |             |    |
|                     |  | 9309626         | 05/1993 | WO                               |       |          |             |    |
|                     |  | 9314588         | 07/1993 | WO                               |       |          |             |    |
|                     |  | 9416513         | 07/1994 | WO                               |       |          |             |    |
|                     |  | 9428640         | 12/1994 | WO                               |       |          |             |    |
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|                     |  | 9507578         | 03/1995 | WO                               |       |          |             |    |
|                     |  | 9508876         | 03/1995 | WO                               |       |          |             |    |
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|                     |  | 9515038         | 06/1995 | WO                               |       |          |             |    |
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|                     |  | 9702675         | 01/1997 | WO                               |       |          |             |    |
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|                     |  | 9013942         | 11/1990 | WO *equivalent to US 5,027,306   |       |          | X           |    |
|                     |  | 9200639         | 01/1992 | WO <sup>3</sup>                  |       |          |             |    |

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<sup>1</sup> US 5,566,165 is equivalent to CN 1126930A; <sup>2</sup> Corresponds to WO 95/10903; <sup>3</sup> Corresponds to JP 6-501349; <sup>4</sup> Corresponds to WO 95/12937.

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